UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/825,081	04/02/2001	L. Scott Rich	RSW9-2001-0074-US1	1696

7590   12/17/2004

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EXAMINER
RUTTEN, JAMES D

ART UNIT	PAPER NUMBER
2122	

DATE MAILED: 12/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/825,081	RICH ET AL.
	Examiner	Art Unit
	J. Derek Rutten	2122

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>02 April 2001</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>18 June 2001</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>7/2/2001</u>.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

DETAILED ACTION

1.   Claim 1 has been examined.

Claim Objections

2.   Claim 1 is objected to because of the following informalities: A typo in the first line of

the claim results in "comrprising", which should be --comprising--. Appropriate correction is

required.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on
> sale in this country, more than one year prior to the date of application for patent in the United States.

4.   The claim is rejected under 35 U.S.C. 102(b) as being anticipated by "Java I/O" by

Harold (hereinafter "Harold").

Harold discloses:

A method for returning files to a user of an enterprise application (See subsection

9.3.2 in section 9.3 page 6, steps 1-11), *comprising the steps of:*

requesting the loading of a set of one or more files stored under a predetermined

file path and name; See section 9.3, roughly the 5th paragraph:

> The ZipFile class contains two constructors. The first takes a **filename** as an argument. The
>
> second takes a java.io.File object as an argument. File objects will be discussed in Chapter 12 ; for
>
> now, I'll just use the constructor that accepts a **filename**.

Also, section 9.3 page 2 after the listing of Example 9.7:

```
% java ZipLister /usr/local/java/lib/classes.zip
```

Here, the *ZipLister* program is used with the file path */usr/local/java/lib/*, and the name

classes.zip.

> *determining if the requested file set is in an archive format or a directory tree*

format; See section 9.3 page 4:

> getMethod() tells you whether or not the data is **compressed**; it returns if the data is
>
> **uncompressed**, 8 if it's compressed using the deflation format, and -1 if the compression format is
>
> unknown. and 8 are given as the mnemonic constants ZipEntry.STORED and
>
> ZipEntry.DEFLATED

creating a loading strategy based on said determination; See section 9.3 pages 4

and 5 for the listing of Example 9.9, particularly the code at the top of page 5:

```
if (method == ZipEntry.STORED) {
  System.out.println(name + " was stored at " + lastModified);
  System.out.println("with a size of  " + uncompressedSize
    + " bytes");
}
else if (method == ZipEntry.DEFLATED) {
  System.out.println(name + " was deflated at " + lastModified);
  System.out.println("from  " + uncompressedSize + " bytes to "
    + compressedSize + " bytes, a savings of "
    + (100.0 - 100.0*compressedSize/uncompressedSize) + "%");
}
else {
  System.out.println(name
    + " was compressed using an unrecognized method at "
    + lastModified);
  System.out.println("from  " + uncompressedSize + " bytes to "
    + compressedSize + " bytes, a savings of "
    + (100.0 - 100.0*compressedSize/uncompressedSize) + "%");
}
System.out.println("Its CRC is " + crc);
if (comment != null && !comment.equals("")) {
```

```
    System.out.println(comment);
}
if (ze.isDirectory()) {
    System.out.println(name + " is a directory");
}
System.out.println();
```

This code sequence checks whether an entry is in an archive format (ZipEntry.STORED),

or if it is in directory format (ze.isDirectory), and loads the relevant information based

upon this determination.

> *creating a virtual archive using the loading strategy; and*

> *gathering said one or more files in said set, **storing them in said virtual archive,***

and returning said virtual archive to said user. See the sample output of Example 9.9 on

page 5 of section 9.3:

```
% java FancyZipLister temp.zip
test.txt was deflated at Wed Jun 11 15:57:32 EDT 1997
from  187 bytes to 98 bytes, a savings of 52.406417112299465%
Its CRC is 1981281836

ticktock.txt was deflated at Wed Jun 11 10:42:02 EDT 1997
from  1480 bytes to 405 bytes, a savings of 27.364864864864863%
Its CRC is 4103395328
```

This sample output shows the virtual archive as it is presented to a user of the program.

The virtual archive is a representation of the archive "temp.zip", which is a set of files

stored under a predetermined file path and name.
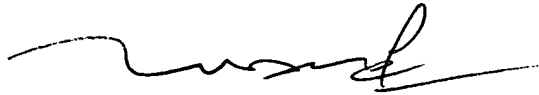
Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to J. Derek Rutten whose telephone number is (571) 272-3703. The

examiner can normally be reached on M-F 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

jdr

**TUAN DAM
SUPERVISORY PATENT EXAMINER**